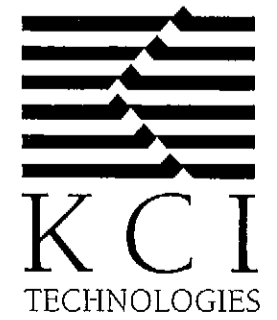


DRILL HOLES

DRILL HOLES

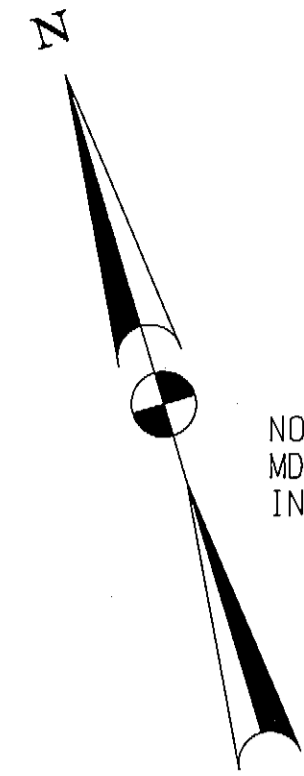
DRILL HOLES

BY: Aaron Hottenstein Division: P068 Highway Traff GMA Emp



ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
936 RIDGEBROOK ROAD
SARAS, MARYLAND 21152
TELEPHONE: (410) 316-7800
FAX: (410) 316-7818

BORDER REV: DATE: Mch01/27/2007



NOTE:
MD 122 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION.

CONSTRUCTION DETAILS

- REMOVE EXISTING SIZE '6' BASE MOUNTED CABINET AND INSTALL PROPOSED SIZE 'S' BASE MOUNTED CABINET WITH UPS EQUIPMENT ON EXISTING FOUNDATION.
- INSTALL EMBEDDED METERED SERVICE PEDESTAL (1-4" AND 2-2" CONDUIT BENDS)
- FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED.
- FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED FOR SERVICE FEED BY BGE.
- CAP AND ABANDON EXISTING CONDUIT.

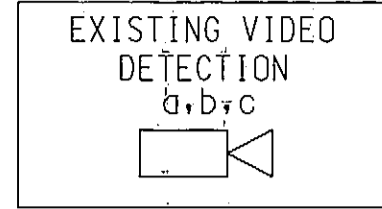
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A

ITEM NO.	QUANTITY	DESCRIPTION
9104	1 EACH	CONTROLLER CABINET, SIZE "S" WITH CONTROLLER, VIDEO INTERFACE EQUIPMENT 1-8 CAMERAS
9110	1 EACH	UPS EQUIPMENT FOR "S" CABINET

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

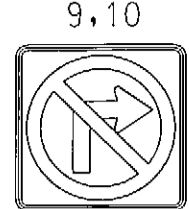
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8012	1 EACH	EMBEDDED METERED SERVICE PEDESTAL (100 AMP)
8014	1 EACH	INSTALL CONTROLLER AND CABINET - BASE MOUNT
8024	1 EACH	REMOVE & DISPOSE OF MATERIAL AND EQUIPMENT (PER ASSIGNMENT)
8040	45 LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8047	60 LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG THHN/THWN
8065	1 EACH	INTERSECTION POLICE CONTROL



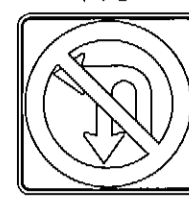
SHA PROPERTY

SAN

SHA PROPERTY



R3-1(R)
(30" x 30")



R3-3(2)
(30" x 30")

SHA PROPERTY

BGE TRANSFORMER 40017A

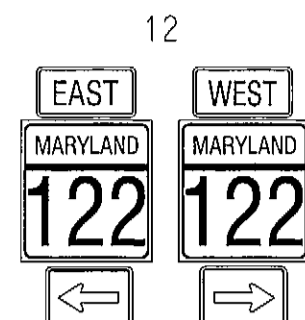
270'

CONCRETE MEDIAN

GRASS MEDIAN

EXISTING SIGNS

11
Security BLVD
D3-2
(VARIABLE x 16')



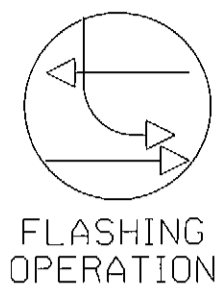
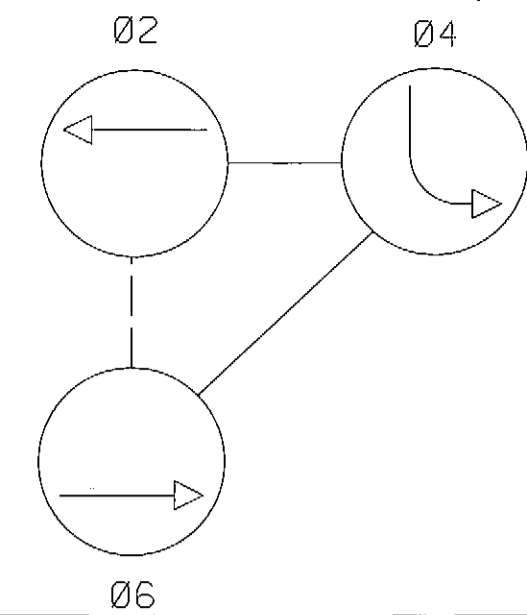
ASSOCIATED
SHIELD
ASSEMBLY
(36" x 75")

EXISTING SIGNALS*

1-6
R
Y
G

*REPLACE EXISTING MODULES
WITH LED MODULES

NEMA PHASING



- PHASING NOTES:
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 - PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

TOD NO: XY137-03
SHA NO: BA035852
Baltimore County UPS Phase 1



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 122 @ I-695 (OUTER-LOOP RAMP)

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE _____ CONTRACT NO. XX1005885

DESIGNED BY _____ COUNTY BALTIMORE
DRAWN BY A.B. LOGMILE 03012200.47
CHECKED BY EMM.PRZ TIMS NO. 0670
F.A.P. NO. SEE TITLE SHEET TOD NO. _____

TS NO. 4029E DRAWING SG-1 OF 1 SHEET NO. 1 OF 1

APPROVALS	REVISIONS
TEAM LEADER	① INSTALL UPS SHA NO. XY1375185
ASST. DIV. CHIEF	KCI 3/1/07
DIVISION CHIEF	D INSTALL VIDEO DETECTION SHA NO. AT3085185
OFFICE DIRECTOR	SWA
	C REDLINE REVISION TO SHA NO. XX1005885

03/20/03
09/04/00
04-04-2000

PLOTTED: 10:09 AM on Wednesday, March 27, 2007
FILE: M:\2006\01005885\27\drawings\p55-001_M0122@I-695OuterLoopRamp.dgn